Remarks on Board Ship Winslow from the coast of Peru port of Payta to New bedford Commincing the 2 Mo 25 d 1817

1	Thirdday 25th at 4 P.M. got under way from Payta with moderate Breezes & Variable from SE to SW at Noon payta Head Bore E by N 15 Leagues Distance so end this Da Co with the Jay Latt 5..14
2	Fourthday the 26th this 24 hours moderate Breezes saw many swordfish & some Humbacks, bent too Mainsail & Top G Sails so ends Latitude 5..38 S
3	Fifthday the 27th this 24 Hours moderate breezes & Variable from East to NE Cours from South to SW saw nothing of Note bent fore topsail so end No Latt
4	Sixthday the 28th this 24 hours moderate Breezes at 10 AM saw Sperm Whales from the Don Jay Lowerd after them caught two took one to each Ship so end this 24 hours with no Obs
5	Seventhday 3 Month 1st First part these 24 hours emploid in cutting our fish took one piece from the Jay which will fill all our casks middle part Squally with some Rain emploid in boiling saw Black fish so end Cours from South to SW Latt 8..12
6	Firstday the 2d this 24 hours moderate breezes Cours from South to SSW emploid Boiling so end this 24 hours Latt by Obs 8..57 S
7	Secondday the 3d these 24 hours light breezes Cours from SW to SW emploid in stowing Latt 9..29

	Thirdday 3d Month the 4th These 24 hours moderate breezes & fair wether finish'd stowing & took down tryworks so end Latitude 10 " 24 S
8	" — " — " — " — " — "
	Fourthday the 5th These 24 hours begins with brisk breezes & some squalls latter part handed T G sail so end Latitude 11 " 48 S
9	" — " — " — " — "
	Fifthday the 6 These 24 hours begin with strong breeze going from S by W to SSW emploid in fleeting & setting up backstays & top Mast Shrouds fore & aft took a single reaf in fore topsail Latter part set all sail hed a Quick wind Cours SSW by wind so end Latitude 13 " 17 S
10	" — " — " — " — " — " — "
	Sixthday the 7th First part Quick wind Cours from S by W to SW by S middle & latter part more moderate so end Latitud 15 " 9 S
11	— " — " — " — " — " — "
	Seventhday the 8th These 24 hours begin with a fine breeze Cours S by W & SSW at 6 P.M. took in spanker & fly jib & fore top G sail Latter part set them so end Latt 17 " 5 S
12	" — " — " — " — " — "
Lunar 91. 40	Firstday the 9th These 24 hours begins with strong breeze Middle & latter part more moderate unbent Main & Mizen Topsails & bent two others at 9 - 0 - 56 got a Lunar Obs from the Sun & Moon the Longitude deduced therefrom was 91 " 40 W Latt 18.49
13	" — " — " — " — " — "
Lunar 92. 40	Secondday the 10 first part fine wether & breeze Cours South to S by W In company with the S[illegible] at 6 P.M. parted co with the S latter part saw her after at 9 - 20 - 7 got a Lunar 92.40 so end Latitude 20.26 S
14	

Thirdday 3Mo the 11th these 24 hours begin with moderate breezes we going South & Compass at 6 P.M. could see the I top G.l & half the Topsails middle & latter part light airs Day drew up at 10-18-55 Got a Lunar Ob 93.14.15 so end this 24 hours Latitude by Ob 21.51 S

Lunar 93.14.15

15

" " " — " — " — " — " — " — " — "

Fourthday the 12th these 24 hours begin with light breeze sent down fore T G Mast & sent up another by the Obs the two preceading days fin de a current setting to the westward the I still in sight Cours from South to SW Latitude 22°.21 S

16

" " — " — " — " — " — " — " — "

Fifthday the 13th these 24 Hours light breeze from SE to ESE Cours South & SW the Day in sight at 10h-8m-3s Got a Lunar Obs & found the Long 94.14.15 so end these 24 hours Latitude by Ob - 23.40 S

Lunar 94.14.15

17

" " " — " — " — " — " — " — "

Sixthday the 14th these 24 hours begin with Moderate breezes Cours SW untill 4 P.M then South this day weet hole middle & latter part fine we ther & moderate breezes so end Latitude 24.5.5 S
24.44 W

18

" " — " — " — " — " — " — " — "

Seventhday the 15th these 24 Hours fine breeze with some squarls at 6 P.M. saw the I Day sence which have not seen them Latter part unsheath d Decks so end Cours S by E P Compass Latitude 26.42 S
95.00 W

19

" " — " — " — " — " — " — " — "

Firstday the 16th First part fine moderate Breeze at ENE Cours S by E P Compass set thickening Sails middle & latter part fine breezes with light Squarls so end these 24 hours Latt 28.40 S
95.29 W

	(Secondday) 3 Month the 17th These 24 hours Strong wind & squaly middle part took in all Studdingsails & top g sails at 8 AM lost the Starboard Boat from the Quarter Latter part two Reef'd fore & mizen topsail & Reef'd main one had plenty of Rain seconds Latt by Obs 31.32 S
21	95.35 W
"	" " " " " "
	Thirdday the 18th These 24 hours begins with strong wind & Rain Cours SbyE wind NbyE latter part had abundance of Rain hand Mizen Topsail got an Observation altho not to be
95.30 W 22	depended on these two days Latt by Obs 34.20 S
"	" " " " " "
	Fourthday the 19th These 24 Hours begins with Strong wind at North Cours SbyE by Compass at 8 P.M. two Reef'd main Topsail middle part & latter inclineing to be more moderate wind
95.14 W	veard to the NW & from that to WSW & Clear
23	set sail according so ends Latitude 36.47 S
"	" " " "
	Fifthday the 20th These 24 hours begins with moderate Breezes at SWbyW Cours SE at 10 P.M. wind Breez'd at North & NNW had a high sea from the westward Latter part set Studing
94.49 W	Sails this day secur'd between Decks Cleard well Room
24	&c so ends Latitude by Obs 38.30 South
"	" " " " " "
	Sixthday the 21st These 24 Hours begins with fine breezes from NNW Cours SSE by Compass Middle & latter part calm & light breezes at NNE saw several Albertroses so ends this 24
94.17 W	Hours with all sail
25	Latitude by Obs 39.51 S

5

Lunar 92.30 W 26 "	Seventhday 3 Month 22d These 24 Hours begin with moderate breezes from the North Cours S E middle part wind from the southward with Rain Latter part light breeze from South to S E going East & E by S so end Latitude by Obs 40.37 S
91.51 W 27 "	Firstday the 23d these 24 hours begins with light breeze & Calm at 1h.30m.7sec Got a Lunar Obs & found the Longitude to be 92°.29'.15" W at or near midnight wind breezed at W S W Cours S E wind inclining to the S S W going from S E to S E with Quick wind so end these 24 Hours Latitude by Obs 41.30 S
91.0 W 28 "	Secondday the 24th these 24 Hours begins with brisk breezes from S W going S E P Compass middle & latter part wind from S W to W S W going from S E by S to S by E this day bent too storm staysails so end Latitude by Obs 42.54 S
90.4 29 "	Thirdday the 25th these 24 Hours begins with fine breeze at S W by W Cours S by E & S E Middle & latter part going from S E by E to E by S with moderate breezes so end Latitude by R 43.31
89.54 W 30	Fourthday the 26th these 24 Hours begins with moderate breeze from South going E S E P Compass untill 6 P. M. then tacked to the S W middle part variable & Calm Latter part moderate breeze from N E Cours S by E P Compass set studdingsail. wind Inclining to breeze so end Latt by R 44.11

90. 9 W 31 "	Fifthday 3 Mo 27th These 24 hours begins with fine breeze from NE Cours S by E P Compass with all sail set middle & latter part fine wether & fair breezes so end Latitude by Obs 46-34 S
	" " " " " "
90.00 W 32 "	Sixthday the 28th these 24 Hours begins with fine wether & pleasant breeze at NNE Cours SSE middle part light breezes variable & calm with rain Latter part wind breeze to the east ward so end with No Obs Latt by DR 48. 71
	" " " " " "
90 - 15 W 33 "	Seventhday the 29th these 24 hours begins with moderate breeze from SSE to South going SW & WSW at 6 P. M. two reef'd topsail hended mainsail & Sil sent down fore & mizen top G yards at midnight were ship to the E by S wind Inclineing to the SW & to moderate Latter part let out all Reefs & set Main T Gallant sail wind WSW Cours SSE so end this 24 Hours all well except Cook Latitude by Obs 48.30 S
	" " " " " "
89-15 W 34 "	Firstday the 30th these 24 hours begins with fine breeze from WSW Cours SSE sent up F T G yard wind Inclineing to the NW at 8 P. M. two Reefs at 10 hended mainsail at midnight wind shifted sudently to the SSW Less heard squalls took in frore & Mizen topsails Latter part wind Inclineing to the West wind set topsails & mainsail reef'd Cours SE by S from 8 A.M. so end Latt by Obs 50-19 S
	" " " " "
88-7 W 35	Seconddday the 31st these 24 Hours various kind of wether at 8 P. M wind N W by N Cours SE by S hended Main Sail Latter part more moderate wind Inclineing SE Cours from 6 A. M. SE set M T G sail so end Latt by Obs 52-29 S

(Thirdday) 4 Mo. the 1st There 24 Hours begin with light airs from the SE & NE lay to NW untill 6 P.M then calm 2 hours at 8 P.M. wind breezed at West middle & latter part moderate breeze from W to NW by W Cours E by E set studdingsails so end Latitude by Obs. 53.26 S

87.05 W
36

(Fourthday) the 2d there 24 hours begins with light Breezes from South Cours ESE & from that to East wind inclineing to the NE at 6 P.M. two Reafed Topsails & sent down fore top G Yard middle part strong breeze handed Mainsail & Close Reafed fore & Main topsails Latter part handed mizen topsail & sent down main top G Yard wind from NW to SW Cours E by E Latt by Obs 54.9 S

84.56 W
37

(Fifthday) the 3d There 24 Hours begins with strong breeze & Squarly Cours SE by E wind SW by S from 6 to 8 P.M. moderate wind Inclineing to the WNW middle & latter part wind at NW with Rain saw some pinguins so end there 24 hours with No Obs Latt by D.R. 55.41

saw pinguins

82.44 W
38

(Sixthday) the 4th there 24 hours begins with strong breezes from NW & Inclineing to the WSW Cours E by E middle part moderate set whole topsails wind from NW Latter part wind veard to the SW & squarly took all but two Reafed topsails Cours from 8 A.M. East E Compass so end there 24 Hours Latitude by Obs 57.26 S

saw Pinguins

79.41 W
39

(Seventhday) the 5th there 24 hours begins with strong wind & very squarly handed Jib & mizen topsail at 4 P.M. wind SSW Cours ENE Compass hard heavy squalls of hail Rain & Snow saw some calfs & pinguins latter part Inclineing to moderate leet out Reafs set Jib &c wind from SW so end Latitude Obs 57.15 S

saw Pinguins

74.27 W
40

	(Firstday) 4 Mo the 6 th These 24 hours begin with moderate breeze from SW Cours E N E sent up main Top G Yard & set topgallantsail & Main sail middle part light air & calm for 6 hours wind then breezed to the N E at 6 A.M. veard to the West by the North Latter part fine breeze from NW with rain
72 - 9 W 41	Cours E N E so ends Latitude by Obs 57.16 South
	(Secondday) the 7 th These 24 Hours begin with a fine breeze from NW to W with rain Cours E N E
Lunar Obs at Noon Was 68-36	middle & latter part fine wether & moderate breeze from W S W set all sail Latter part these 24 Hours at 20 h - 22 m - 41 s
67-52 42	Got a Lunar Obs the Long deduced there from 67-5-52 so ends these 24 hours Latt by Obs 57.20 South
	Thirdday the 8 These 24 hours begin with fine wether & moderate breeze from W S W & inclining to the Southward Cours E N E shifted studdingsails at 4 P M. took in all studdingsails at 10 P.M wind came sudently to the Southward in heavy squalls took In all sail but Close Reefed main topsail & Storm Staysail had heavy Gales Lay up 1 E off E by S wind
from Lunar 65-47	Inclining to the SW at 7 A.M. wore off set the foresail Reefed. Cours E N E at 10 set two Reefed topsails from 8 A.M. untill Noon had plentyful of snow & hard
43	wind Inclining to moderate Latt by Obs 57.8 S
	Fourthday the 9 these 24 hours begin with brisk breezes from SW Cours N E by E untill midnight wind then breezed at North had hail Rain & snow in heavy Gusts at 8 A.M. Close Reefed fore topsail & handed Mizen topsail saw abundance of Small Eagles
62-50 W	& some pigeons middle & latter part Going from East
44	to E N E at Noon wind came W so ends Latt by R 57-15 S

Latt not to be Depended on	Fifthday 4 Mo the 10 th these 24 hours begin with brisk breeze from West Cours N E Compass set single Reefed topsails & mainsail at 8 P.M. two Reefed fore topsail & handed mainsail wind declineing to breeze with small Rain & vear to the SW Latter part saw calf pigeons one wright whale at 4 A.M. steard N E by N from 6 N N E untill Noon so end Latt by Ob 56 - 5 S
58-42 W	
45	" — " — " — " — "
	Sixthday the 11 these 24 hours begin with strong breeze from SW Cours N N E declineing to moderate at 8 P.M steard N E by N middle part light breeze & calm at 7 A.M wind breezed at East going from N N E to N W heed plenty of Rain with hail & some snow two Reefed topsails so end Latt by R. 55 - 9 South
57- 2 W	
46	" — " — " — " — "
Snow Storm	Seventhday the 12 these 24 Hours begin with stormy wether took in all sail but two Reefed main topsail & foresail heed strong wind at South & a smuthering snowstorm Cours N E by N at 8 P.M. moderated & ceased snowing middle part light breeze & vaiable at 6 A.M. wind breezed at East & declineing to the S E Cours from N by E to N E by N these 24 Hours ends with quick wind at SE with single Reefed topsails Saw several head of Calf pigeon &c Latitude by Ob 53. 30 S
54-32 W	
47	" — " — " — " — "
	Firstday the 13 th these 24 hours begin with fine Breeze at S E Cours N E by N at 8 P.M. took in Main top G Sail & two Reefed topsails middle part heed strong wind from the southward & hail squails at 6 A.M. steard North by Compass Latter part set whole topsails & Main top G sail so end with hail squails water very Clear Latitude by Ob 51. 44 S Long 51. 24 W
48	" — " — " — "

Secondday 4 Month the 14th these 24 Hours begin with fine breeze from South Course North by Compass middle & latter part wind Inclineing to the SSW set Studdingsails had a fine breeze so end Latitude by Obs 49 - 11 South

49

Thirdday the 15th These 24 Hours begin with Brisk breeze & squally at 4 P. M. Spoke Ship John Jay Swain it being Just one month since parting with him middle & latter part moderate breeze from South to SW Course N by E E with light squalls so ends Latitude by Obs 47 - 7 S

Spoke Ship

50

Fourthday the 16th These 24 Hours begin with fine breezes from South course N by E had some squalls of hail & Rain middle & latter part Ditto Inclineing to moderate so end Latt by Obs 44 - 50 S

51

Fifthday the 17th These 24 Hours begin with moderate breeze from South Course N by E middle part wind light & Inclineing to the NW going from NNE to NE in Co with the Jay Latt by Obs 43 - 43 S

52

Sixthday the 18th These 24 Hours begin with Brisk wind from NW by W Course NNE middle part wind veard to the WSW two reafed Topsails had some Rain Latter part Inclineing to NW Course from NNE to NE by N at 6 P. M. parted Company with the Jay so ends these 24 hours Latt by Obs 41 - 43 S

Left the Jay

53

Seventhday the 19th These 24 Hours moderate from NW to WSW Course NNE middle & latter part light air & Calm so end Latt by Obs 40 - 57 South

54

55 — Firstday) 4 Mo the 20 th (these 24 Hours begin with calm saw the Log to the SE Middle & latter part light airs from N E to East & calm with a smooth sea so end Latitude by Obs 41. 32 South

Variation 10° - 00 E — Secondday the 21 st these 24 Hours begin with Calm untill 8 P. M. wind then breez'd at N W by W at 1 A. M. veard to the S W & Inclineing to the Southward Latter part had strong breeze from S W Cours N N E so end Latt by Obs 39 - 22 S

56

Lunar 44 - 2 - 45 — Thirdday the 22 nd these 24 Hours begin with Brisk breeze from S W by S Cours N N E by Compass untill 8 then N E by N had strong wind Inclineing to the westward saw abundance of Fowls caught one porpoise had Discoulourd water at 4h - 3m - 22s Got a Lunar Obs & found the Long to be 44° - 2' - 45" at that time latter part took in studdingsail so end Latt by Obs 37. 16 S

57

Lunar 41 - 30 mean — Fourthday the 23 these 24 Hours begin with brisk breeze from S W Cours N E by N at 3h - 12m - 2s Got a Lunar Obs the Long Deduc'd there from was 41. 32 - 15 middle & latter part strong wind & variable from S W to W N W so end water blue Latt by Obs 35 - 9 S

58

Fifthday the 24 these 24 Hours strong breeze from W S W to W N W Cours N E by N with all sail water very Clean so ends these 24 Hours Latitude by Obs 33 - 5 South

59

Lunar 37° . 19' . 15" — Sixthday the 25 th these 24 Hours begin with fine breeze at W N W Cours N N E at 3h . 15m - 4s Got a Lunar Middle & latter part fine breeze from N W to W sett up fore T G Mast & yd & Mizen T G yard had pleasent wether & smooth sea supos'd a Nothern Current this 24 Latt by Obs 30 - 50 South

60

Lunar 36. 3. 30 Little or no Variation	Seventhday) Nov.r 26th (These 24 Hours begin with fine wether pleasent breeze from WNW Cours NNE untill 4 P.M. then NE by N at 3h. 59m. 49s Got a Lunar Middle & latter part wind varied from ESE to WNW Cours NE by N with all Studding Sails emploid In sail making so end Latt by Ob 29.43 S
61	
62	Seventhday the 27th (These 24 Hours wind from WNW to NW Cours NE by N at 8 P.M. took in all Studg Sails middle & latter part fine breeze & pleasent wether so end Latitude by Ob 28-10 South
finde a Small Westly Variation	Secondday) the 28th these 24 hours fine wether & moderate breezes from West to NW Cours NNE this day got out fly Jibboom made fly Jib &c so end these 24 Hours Latitude by Ob 26.5 South
63	
	Thirdday the 29th (These 24 Hours begin with fine breeze from West Cours NNE set all studding Sail. Middle & latter part pleasant wether which we have experienc'd for several days without any intermition more pleasent than I ever experienc'd in this part of the Globe before & may I be thankful to the Allmighty for this among the many Blessings he has ben pleas'd to pour down on this thy unworthy creature & may my minde be ever pregnant with the thoughts of that Blessed Saviour that poured out his life for me & sinful mortality that all might become heirs of Immortality & gain that hope of glory by faith stedfast Anchord by the Grace that given to all Men to profit with all. so end this Latt 24-30 S
64	

Saw Ship | Fourthday the 4 Mo 30th this 24 Hours fine wether & pleasent breezes from SW to South Cours NNE at 6 P. M saw a Ship to the NNE
65 | Latter part saw nothing of Note Latt by Ob 22-39 S

Fifthday 5 Mo the 1st this 24 Hours fine wether & moderate Breezes from SSE Cours NNE
66 | Latter part wind Inclineing to the SE so end Latt 20-38 S

Sixthday the 2d this 24 hours begins with pleasent wether & fine breeze from SE Cours N by E unbent main topsail & bent another sent up main Topgal yard Near midnight got a
Lunar 30-21-15 | Lunar obsewation by measureing the distance from Moon to Aquilla & from Moon to Spica the mean of there obsewation was 30-21-15 W
67 | latter part wind inclineing to the EE Latt 18-41 S

Seventhday the 3d this 24 Hours begins with moderate breeze from ESE Cours North middle & latter part wind from East with some
68 | light squalls this day wet hold Latt by Ob 16-41 South

Firstday the 4th there 24 Hours begins with fine breeze from East cours North middle part took in all studdingsails & Staysails wind ENE to East Cours North so end
69 | Latt by Ob 14-30 S

Secondday the 5th there 24 Hours strong trade from E by S Cours North
Lunar 33-24 | Middle & latter part ditto middle part got some Lunar Obs from Fomalhaut & Antares so end
70 | Latt 11-50 South

2
36

(Thirdday) 5 Mo the 6th These 24 Hours begin with moderate breeze from ESE Cours North middle part hed Rain squarls with wind at NE at 10 A.M. wind breeze at ESE Cours North so end Latt by Obs 9-55 Sth

71

Fourthday the 7th These 24 Hours begin with brisk trade Cours North untill 6 A.M. then NW saw a Brig steering to the West hed some squarls of Rain at 19h-45m-50s Got a Lunar Obs so end Latt by Obs 7-43 South

Lunar 32°-57'-0" saw Brig

72

Fifthday the 8th (These 24 Hours begin with moderate breeze from SE by E Cours NW untill 4 P.M. then NNW wind SE by S then made St Studdingsail so end Latt by Obs 5-59 South

At 19h-11m-10s Got a Lunar & found our Long 34°.8'.30"

73

Sixthday the 9th (These 24 Hours begin with pleasent wether & fair breezes Cours NNW hed some squarls of Rain middle & latter part so end these 24 hours Latt by Obs 3-46 S

74

Seventhday the 10 These 24 Hours begin with squarly Rainy wether wind from NE to ESE Cours NNW middle part hed abundance of Rain wind variable from SW to East Cours NNW Latter part set all light Sails Latt by Obs 2-12 Sth

Thermometer stood at 80 & 82 for some Days

75

First day the 11 These 24 Hours Moderate breeze from ESE to NE with Rain squarls took In light sails & set them accordingly Latt by Obs 0-29 South

76

(Secondday) 5 Mo the 12 these 24 Hours begin
with fine breeze from SE Coursd N N W middle
and latter part light breezes and Calm
with some Rain so end Latt by Obs 0 - 31 North

77 " | " " " " "

(Thirdday) the 13th these 24 Hours begin
with moderate breeze from SE Cours N N W
middle & latter part Do. so end Latt by Obs 1 - 29 North

78 " | " " " " " " "

(Fourthday) the 14th these 24 Hours begin
with moderate Breezes from SE Cours N N W
middle and Latter part Do Latt by Obs 2 . 49 N

79 " | " " " "

(Fifthday) the 15th these 24 Hours begin
with moderate breeze from East Cours N N W
middle and Latter part brisk wind from N E by E
from 4 A. M. steerd N W by N so end Latt by Obs 4 . 18 N

80 " | " " " " " " "

Thermometer stand 81 & 82 & has for several days

(Sixthday) the 16th these 24 Hours begin
with Brisk breeze at N E by E Cours N W by N
Middle & latter part Do. so end Latt by Obs 6 - 25 No

81 " | " " " "

Seventhday the 17th these 24 Hours begin
with brisk trade at N E by E Cours N W by N with
all sail middle & latter part wind N E with some
light Squalls so end these Latitude by Obs 8 . 40 N

82 " | " " " " " "

(Firstday) the 18th these 24 Hours begin with
Brisk trade Cours N W by N Broke mizen top
Mast backstay made another and put it up
so end these 24 hours with a [illegible] Latt by Obs 10 . 42 N

83

Little or no Variation

Secondday 5 Month the 19th These 24 Hours begin with fine wether and moderate trade from NEbyE Cours NWbyN latter part had light squalls so end Latt by Ob 12-46 North

84

" " " " "

Thermometer Stood at 82 for many Days

Thirdday the 20th These 24 Hours begins with moderate breeze from E&E Cours NWbyN Set topmast studdingsail middle & latter part brisk breeze so end Latt by Ob 15-00 North

85

" " " " " "

Lunar 48°-31'-30"

Fourthday the 21st These 24 Hours begin fine wether and Brisk breeze Cours NWbyN at 0h-58m-44s Got a Lunar Ob & found the Longitude to be 48°-31'-30"W Latter part squally with Rain so end Latitude by Ob 17-04 North

86

" " " " " "

Lunar 50°-23'-15"

Saw Gulf Weed

Fifthday the 22nd These 24 Hours begin with strong breeze & Squally at 1h-02m-59s got a Lunar Ob and found the Longitude to be 50°-23'-15" middle & latter part brisk breeze & fair wether so end Latt by Ob 19-15 North

87

" " " " " "

Lunar 52°-15'-30"

Sixthday the 23d These 24 Hours begin with brisk breeze Cours NWbyN at 0-47-48 Got a Lunar Ob middle & latter part wind from EbE to SE Cours NWbyN so end these 24 Hours Latt by Obs 21-11 North

88

" " " " " "

Lunar 54°-17'-45"

Seventhday the 24th These 24 Hours begin with Moderate breeze from EbE Cours NWbyN at 2h-59m-11s Got a Lunar Ob Latter part fine wether Sent Riggin &c so end Latitude by Ob 23-9 North

89

17

Lunar 55°-49'-30"	Firstday 5 Month the 25th These 24 Hours begins with fine breeze from ESE Cours NNW by N at 2h-25m-39s Got a Lunar Obs Latter part saw abundance of Gulfweed and nothing more so ends Latt by Obs 24-40 North
90	" " " " " "
2d Lunar 57°-26'-30"	Secondday the 26th These 24 Hours begin with moderate breeze at 3h-4m-55s Got a Lunar Obs the Longitude at that time was 57°-26'-30" W from 4 P.M. Cours NW middle part moderate breezes at 7 A.M. Spoke Schooner Milo Folger of Nantucket 17 Days from Washington N Carolina bound to Guadaloupe at 10 A.M. Spoke Brig Alliance Robert Chapin from Boston bound to Martinica 17 Days out in Latt 25-35 N Longitude 58°-10' West from the above learnt it was all Peace & Quietness with all Nations so ends Latt by a bad Obs 25-40
Spoke two Vessels Thermometer stand at 80° for some Days about this time	
91	" " " " "
Saw two Sail	Thirdday the 27th moderate breezes these 24 Hours & fair wether emploid painting first part saw a Brig Latter part saw a Schooner both Steering to the Southward wind from N by E to NE Cours from WNW to NW so ends Latt by Obs 26-22 N
92	" " " " "
Thermometer fell to 78° for three Days Past	Fourthday the 28 these 24 Hours begin with with fine wether and moderate breezes from NE Cours NW set all light sail. wind inclineing to the ESE Emploied painting so end with fair wether & smoothe sea Latt by Obs 27-34 N
93	

Fifthday 5 Month the 29th These 24 Hours begins with moderate breezes from SE by S Cours NW at 2 P.M steared NW by N middle & latter part light air from SE to NE fine painting so end these 24 hours Latt by Obs 28.20 N

94

Sixthday the 30th these 24 Hours moderate breezes & fair wether wind SE Cours NW latter part saw a Schooner stearing to the eastward so ends Latt by Obs 29.12 North

Saw a bird

95

Seventhday the 31st these 24 Hours begin with moderate breezes from South Cours NW at 2 P.M. saw a Ship stearing to the Eastward at 4 P.M. saw a Ship stearing the above Cours and a Sloope stearing to the WNW middle & latter part fine breezes from south cours from 6 P.M. NW by N this day shifted top Sails so end these 24 Hours Latt by Obs 30.46

Saw a Ship

Saw a Ship & Sloope

96

Firstday 6 Month the 1st These 24 Hours various kinds of wether wind from NW Cours NW by N untill midnight then West untill 5 AM hed brisk breeze kept off NW by N with Rain at 8 AM moderated at 10 Calm untill Noon so end this 24 Hours Latt by R 32.18

97

Secondday the 2d These 24 Hours begin with moderate breeze & Rain from NNE to NE Cours NW by W to NW by N wind Inclining to the SE hed small Rain & fogg all these 24 Hours so end with all sail Latt by Obs 33.44

98

Thirdday 6 Mo the 3d These 24 Hours begin with moderate breeze from SE & thick Cours NNW at 9 P. M. wind veard to the SW & WSW at 6 A.M. saw a Brig stearing to the Eastward sounds with plesant wether and a smoothe sea Latt by Ob 35. 49 N

Saw a Brig

99

" — " — " — " — " — "

Fourthday the 4th these 24 Hours begin with moderate breeze from WSW Cours NNW middle and latter part wind from WSW to NE Cours NW from 2 A.M. untill 8 A.M. then NW by N at 6 m 1 got a Linnar Ob 10 ends these 24 Hours saw one sail Latt by Ob 37.12 N

100

" — " — " — " — " — "

Fifthday the 5th these 24 Hours begin with brisk wind with some squals from WNW Cours NW by N saw a Schooner & Brig at mid night Judg'd we were to the north of the Gulf steard NNW saw a Ship & schooner stearing to the Eastward at daylight water Discoula saw plenty of Gulf & Rockweed untill Noon at Noon Ob in Latitude 39.44 North

Saw sails

101

" — " — " — " — " — "

Sixthday the 6 these 24 Hours begin with thick foggy wether at 4 P. M. sounded over soft Oozy bottom in 50 fathoms suposd it to be near Block Island Channel

Got Soundings 50 Fathom

March 4th Sea Ac 1823 d 22.51.7 (h m s) In Latt 28.1 S Long 33.W Altitude Suns lower Limb was 62.52. Moons upper limb 20.40 When the Angular distance was 92.53.7. Required the Long

22.51.7 — 63. 4 — 20.20 — 92.53.7
{HP54.21}
26.56
69.40
16.8
9.6990
26.56
14.54
10.0017
{⊙ Ref — 29 / ⊙ Pa — 4 / ⊙ Cor — 25}
93.24
9.9992
93.24.9
190.00
9.6999
48.26
95.00
9.6560
47
69.40
10.3687
94.13.22
1st 25.20
2.6355
1.36.4
26.56
1st Cor — 0.47 — PL 2.3601
92.37.18
2d 68.4
9.6999
93.4.56 at Noon
9.9721
91.43.22
10.0326
27.38 — 8138
5701
2d Cor 1.35.39 PL — 2746
1.21.34 — 3438
25
1.36.4
Greenwich time 25.00.59 — 4700
Ships time 22.51.7
Long In time 2.9.52 — 32.28 W

March 5th Sea Ac 1823 d 23.13.57 (h m s) In Latt 27.21 S Long 32 W Altitude Suns lower limb was 66. 2 Moons upper limb 26.10 Angular Distance 81.52.12 Required the Long

23.13.57 — 66.14 — 25.50 — 81.52.12
25.50 HP54.11
16.8
92.4
35826
14.52
12.40
59.39
50279 (4)
82.23.12
3
46.39
155
5
10
68257
12.48 Aug Aug
93.50.28
53
81.38.29 — 54574
at Noon 82.14.29
80.53.25
36.00 — 69897
1.21.4 — 34643
Greenwich time 29.19.56 — 35254
Ships time 23.13.57
Long In time 2.5.59 — Equal to 31.29.45 West

Long In time ...

Month the 8 Sea Ac 1823 at 21.51.59 In Latt 24.40 S Long
31 Wd Altitude Sun Lower Limb was 53.21 Moon upper
Limb 74.52 when the Anglar Distance was 49.17.37 —

21.51.59 —— 53.33 —— 74.32 —— 49.17.37
74.32 W 54.40
128.5 — 07461 — 16.8
59.28 — 205 — 15.8
28.55 — 14.8 — 79993 — 49.48.53
22 — 129.18.41 — 72
4 — 63996
29.21 Aux Aug — 115
49.36.43 —— 51842
21 Hour — 50.58.12
49.35.10
1.21.29 — 34420
1.22.54 — 33672
23.56.55 — 748
21.51.59
2.4.56 — Equal to 31.14.00 West

Month 17th Sea Ac 1823 at 0.55.13 In Latt 10.28 S. Long
33. W. Altitude Sun Lower limb was 73.38 Moon upper
Limb 46.8 When the anglar distance was 49.13.55 —

0.55.13 —— 73.51 —— 45.48 —— 49.13.55
45.48 W 58.39
119.38 — 88457 — 16.6
59.47 — 162 — 16.12
23.00 — 39.30 — 95472 — 49.46.13
16 — 28 — 63
5 — 121.17.45 — 61597
23.21 Aux Aug — 115
49.8.58 —— 45866
3 Hour — 49.3.35
50.40.32
5.23 — 152422
1.36.47 — 26872
Greenwich time 3.10.00 — 125550
Ships time .55.13
Long In time 2.14.47 Equal to 33.41.45 West

March 25th Sea account 1821 d 21.55.10 In Latt 32.54 S Long 105 W Altitude ☉ lower limb 44-13 Moon's upper limb 27.38 Angle Dist 103.52-12 Required the Long

24th Astronomical account d 21-55-10

Ship's time 21-55-10 — ☉ Ap Alt 44.25 — ☽ 27-18 — 103.52
Long in T. 7.

Red time 4-55 on 25 Day 44.25 — 27-18 — 103.52.12

27.18 HP 55-49 | 16. 3
71-43 | 15.21
59-8 | 104-23.36

13-39 Aux Ang
13
3
13-55

47-3
44
73-29-55

88341
147
00706
23
46654
11
35882

1.54-33
3.
4-54-33
24
28-54-33 G time
21-55-10 S time
6-59-23 Long in time

d 3 Hours 103.39-13 — 35882
104.34.17
103. 7.41
55-4 — 51438
1-26-32 — 31809
1-54-33 — 19629

Long 104-50-45

March 26th Sea account 1821 d 21.36.49 In Latt 34.54 S Long by Acc 105 W Altitude Suns lower limb was 39.50 Moons upper limb 42.12 Angle Dist 92.9.44 Required the Long

25th at 21-36-49 — ☉ Z Dist 49.58 — ☽ Z Dist 48.8 Ang Dist 92.9.44
7
Red time 26 4-36-49

49.58 | 16. 3
92.41 | 15.37
190.47 | A dist 92-41.24

☽ HP 56-34 — ☉ Ref 1-8, ☉ Par 7, ☉ Cor 1-1

½ Sum 95-23 ☽ Cor 41-5
48.8 | 1-59
1st R 47.15 1st Cor
49.58 | 93-24.28
2d Rem 45.25 | 1-19.20
92.5.8

9-6990
10-0019
9-9995
Rad Logg — 9.7004
9-8840
10-1341
2-2410
1st Cor 1-59 — 1.9595
9-7004
9-8720
10-1474
.6416
2d Cor 1-18-19 — 3614

92.5.8
d 3 hours 92.53.43
91.24-42
47-35 — 5778
1-29-1 — 3058
G time 28-36-13 — 2720
S time 21-36-49
Long in time 6-59-24 Equal to 104.51.00 West Long

March 28 Sea Ac 1821 d 21.58.43 (h m s) In Latt 37.46 S Alt
Suns lower limb was 40-16 Moons upper limb 58-5 when
the Angular Dist was 67-16-47 Long by Ac 102 W Required Long

21-58-43 (h m s) — 40-28 — 57-45 — 67-16-47
57-45 HP 58-24
98-13
59-00
30-20
13
99-42-33

16-3
16-10
AD 67-49-00

40896
38
48452
129
27576
97
17188

27-15
12
3
28-30 Aux Ang

67-29-31 — 17188
d 3 hours 68-24-20
66-49-3
54-49 — 51636
1-35-17 — 27626
Greenwich time 28-43-33 — 24010
Ships time 21-58-43
Long in time 6-44-50 Equal to 101°-12'-30" W Long

March 31 Sea account 1821 d 1.4.27 (h m s) In Latt 38.5 S Alt
Suns lower limb was 45.38 Moons upper limb 29.41 when
the Obs'd Dist was 52°.49'.12" Long by Ac 101 W Required the Long

29 NA d 1.4.27 — 45-50 — 29-21 — 52-49-12
29-21 HP 59-27
75-11
59-10
50-37
14
77-01-01

16-3
16-21
AD 53-21-36

46337
27
41357
278
07893
65
95957

16.4
5
4
16-13 Aux Ang

52-51-00 — 95957
d 6 Hours 53-51-10
52-12-00
1-00-10 — 47592
1-39-10 — 25891
Greenwich time 7-49-12 — 21701
Ships time 1-4-27
Long in time 6-44-45 Equal to 101°.11'.15" W Long

In consequence of taking the Horizontal Palx for the Sea Day
Causes an Error of 11'-15". Consequently the Longitude is
101 exactly the true Hor' Plx is 59'-27"

April 23 Sea amount 1821 d 21.15.52 in Latt 41.39 S Long 40° W Sun Lower limb was 23.46 Moon upper 33.33 Angle Dist 112.15.37 Required the Longitude

21.15.52 — 23.58 — 33.13 — 112.15.37

33.13 H 56.26
57.11
58.1
45.25
22
58.54.48

15.55
15.32
App 112.47.04
1
3

62442
253
34152
49
83926
13
77835
41
6

16.46
8
2
16.56 Aux Ang

112.12.3
d Moon 112.18.25
110.49.33
6.22 — 145136
1.28.42 — 30735
Greenwich time 24.12.55 — 114401
Ships time 21.15.52
Long in time 2.57.3 Equal to 44.15.45 West

April 24 Sea amount d 21.18.28 1821 in Latt 39.19 S Long 38 W P amount Sun lower limb was 25.30 Moon upper limb 41.46 Angle Distance 100.14.47 Required the Long

21.18.28 — 25.42 — 41.26 — 100.14.47

41.26
67.08
58.10
41.39
7
68.47.56

15.55
15.46
100.46.28
6
22

15334
174
77841
18
84830
6
78203
30
27

20.48
3
3
20.54 Aux

100.16.22 — 78203
100.19.26
98.48.12
3.4 — 176861
1.31.24 — 29433
Greenwich time 24.6.2 — 147428
Ships time 21.18.28
Long in time 2.47.34 Equal to 41.53.30 West

April 26th Sea Account 1821 at 23h. 38m. 19s In Latt 35.42
Altitude Suns lower limb was 40.19 Moon upper limb 30.5
When the Anglar Dist was 74.3.47 Regind the Long

23h. 38m. 19s — 40.31 — 29.45 — 74.3.47
29.45 HP 57.51 — 15.54
70.16 — 64912 — 16.11
59.1 — 118 — 74.35.52
47.50 — 24468 — 25
45 — 110 — 1.17
72.3.36 — 36175
15.24 — 95
15
3
15.42 Aug — 74.6.17 — 25878
d ... 75.18.45
73.41.55
1.12.28 — 39513
1.36.50 — 26925
Greenwich time 26.14.43 — 12588
Ships time 23-38-19
Long in time 2.36.24 Equal to 39.6.00 W

The Horizontal Parallax
Should have been 58'.52"
Which would give the
Longitude 39°. 20'. 15" W

Edmund Gardner

— — — — — — — —

May 6th Sea Au 1821 at 1h-18m-18s In Latt 20-75 Altitude
Suns lower limb was 48.38 Moon upper limb 31.34 when
the Anglar Distance was 49°.56'.27" Required the Long

1h-18m-18s — 48-50 — 31-14 — 49-56-27
31-14 HP 58-16¾ — 15-52
80-04 — 16-3
59-16 — 28890 — 50-28-22
48-2 — 50
14 — 58732
16-27 — 81-51-32 — 134
5 — 68611
4 — 193
16.36 Aug — 49-47-40 — 56610
at 3 hours 49-39-33
51-14-38
18-7 — 99719
1-35-5 — 27717
Greenwich time 3-34-18 — 72002
Ships time 1-18-18
Long in time 2-16-00 Equal to 34°.00.00 W

May 10th Sea account 1821 d 2h. 39m. 6s In Latt 13.50 S Long 32 W Altitude Sun lower limb was 39.39 Moon upper limb was 20.38 Obs'd Distance 98°. 7'. 17" Required Long

2.39.6 —	39.51 —	20.38 —	98.7.17
	20.38		15.52
	60.29		15.6
	58.59	09808	98.38.15
	48.1	87	
	55	00479	
10.5	62.16.55	21	
13		49278	
3		48	
10.21 Aux	98.2.9	39721	
at 3 hours	97.11.17		
	98.35.11		
	50.52 —	54884	
	1.23.54 —	33151	
Greenwich time	4.49.8	21733	
Ships time —	2.39.6		
Longitude in time	2.10.2		

Equal to 32°. 30'. 30" W

May 12 sea account 1821 d 3h. 35m. 31s In Latt 8.30 S Long 33 W Altitude Sun lower limb was 30.25 Moon upper Limb 19.33 Obs'd Distance 120.36.37 Required the Longitude

3.35.31 —	30.37 —	19.13 —	120.36.37
	19.13 H 54.10		15.51
	49.50		14.52
	58.32	57914	121.7.20
	48.18	142	
	9	34506	
		4	
9.21	51.36.59	14176	
2		149	
3			
9.26 Aux	120.27.45 —	06891	
	119.11.57		
	120.33.21		
	1.15.48 —	37560	
	1.21.24 —	34465	
Greenwich time	5.47.37 —	3095	
Ships time	3.35.31		
Long in time	2.12.6		

Equal to 33. 1. 30. W.

May 22d sea amount 1821 d $19^h.43^m.00^s$ Lat 9.30 N Long 45 W Sun Altitude Suns Lower limb was 27.8 Moon upper Limb 32.17 when the Obsd distance was $117^\circ.57'.37''$

19.43.00 — 27.20 — 31.57 — 117.57.37
31.57 — 15.49
59.17 — 15.47
58.18 — 93330 — 118.29.13
46.51 — 158
16 — 99244
16.28 — 61.2.25 — 148
6
3 — 72813
16.37 Aux A — 92
117.45.53 — 65785
d 21 hours 118.45.43
117.13.54
59.50 — 47833
1.31.49 — 29235
Greenwich time 22.57.18 — 18598
Ships time — 19.43.00
Longitude in time 3.14.18 Equal to $48^\circ.34'.30''$ W

May 23d sea amount 1821 d $20^h.24^m.43^s$ Lat 11.56 N Long 49° W Altitude Suns lower limb was 37.38 Moon upper limb 35.18 Angular distance $105^\circ.9'.7''$ Required the true Longitude

20.24.43 — 37.50 — 34.58 — 105.9.7
34.58 — 15.49
72.48 — 15.58
58.53 — 06978 — 105.40.54
45.21 — 43
17.55 — 47 — .82899
19 — 274
3 — 74.33.01 — 67451
18.17 Aux Aug — 97
104.57.4 — 57742
106.24.6
104.50.16
1.27.2 — 31559
1.33.50 — 28292
Greenwich time 23.46.57. 3267
Ships time 20.24.43
Longitude in time 3.22.14 Equal to $50^\circ.33'.30''$ W

May 24th Sea acount 1821 d 21h.29m.18s In Latt 14.4N Long 52 W Altitude Suns lower limb was 53.19 Moons upper limb 33.54 when the Obs'd Distance was 91°.53'.27" Req'd Long

21-29-18 — 53.31 — 33.34 — 91.53.27
33.34
87.5
59.23
46.54
28
88-51-45

15-49
16-8
92-25-24

49553
19
37225
73
41783
4
28657

17.35
11
4
17.50 Aux Arg

91.38.56 — 28657
92.10.00
90.33.46
0.31-4 — 76298
1-36-14 — 27195

Greenwich Time 24.58-7 - 49103
Ships time 21-29-18
Long in time 3-28-49 Equal to 52.12.15 W

May 25th Sea acount 1821 d 21h.45m.38s In Latt 16.34 N Long 54W Altitud Suns lower limb 57.42 Moons upper limb 42.51 when the Angular distance was 78°.37'.2" Required the Long

21.45.38 — 57.54 — 42.31 — 78.37.2
42-31
100.25
59.29
42.28
9
102.7.6

15.49
16.20
79.9.11

78706
76
06907
256
13852
17

22.2
5
4
22.11 Aux Arg

78.27.19 — 99814
79.12.47
77.34.27
45.28 — 59758
1.38.20 — 26257

Greenwich Time - 25-23-13 - 33501
Ships time - 21-45-38
Longt in time 3.37.35 Equal to 54°.23'.45"

May 26 sea account 1821 d 21.32.45 h m s In Latt 18.55 N Long 56 W Altitude Suns lower limb was 55-13 Moons upper limb 57.59 Angle Dis 65°.12.12" Required the Long

21-32.45	55-25	57.39	65-12.12
	57-39		15-48
	113-4	86063	16-32
			65-44-32
	59-26	171	
	30-58	99918	
27-43	25	49	
22	114-34-49	94827	
4		32	
28-9 Aux Ang	65-14-28	81060	
	65-59-15		
	64-18-59		
	44-47	60416	
	1-40-16	25412	
Greenwich time	25-20-24	35004	
Ships time	21-32-45		
Longitude In time	3-47-39	Equal to 56°.54'.45" W	

May 27 sea account 1821 d 20-41.28 h m s In Latt 21.8 N Long 58 W Altitude Suns lower limb was 43.44 Moons upper limb 76.50 when the Obs'd Distance was 51°.44'.52" Required the Long

20-41.28	43-56	76-30	51.44.52
	76-30		15-48
	120-26	98090	16-42
			52-17-22
	59-8	90	
	13.47	90208	
32.32	2	13	
4	121.38.57	98132	
3		200	
32.39 Aux Ang	52-10-48	86733	
	52-31-36		
	50-49-51		
	20-48	93721	
	1-41-45	24774	
Greenwich time	24.36-48	68947	
Ships time	20-41-28		
Longitude In time	3-55-20	Equal to 58°.50'.00" W	

31

June the 5th sea account 1821 at 0h-59m-35s in Latt 35-34 N Long 68 W Altitud Suns lower limb was 71-23 Moons upper limb 46-13 when the Obs'd Dist was 56°-49'-52" Requird the Long

0-59-35 —— 71-35 / 45-53 / 56-24 / 45-53 —— 56-49-42 / 15-35 / 15-47

117-28 / 55877 / 57-21-4

59-44 / 128

38-4 / 28732

17 / 234

22-12 / 10 / 5 / 22-27 Aux Aug

119-6-5 / 66485 / 122 / 51578

56-44-32

3 hours 55-27-37

56-56-31

1-16-55 — 36925

1-28-54 — 30637

Greenwich time 5-35-44 — 6288

Ships time 59-35

Long in time 4-36-9 Equal to 69°-2'-15" W

June 5 Sea Account 1821 at 23-39-9 in Latt 36-44 N Long 69 W Altitude Suns lower limb was 74-57 Moons upper limb 18-52 Anglar Dist 68-4-40 Requires the Long

23-39-9 —— 75-9 / 18-32 / 55-40 / 18-32 —— 68-4-40 / 15-47 / 15-16

93-41 / 63918 / 68-35-43

59-47 / 18

49-20 / 21251

38 / 72

9-12 / 8 / 5 / 9-25 Aux Aug

95-30-45 / 36509 / 77

67-47-33 — 21845

at 3 hours 67-9-33

68-35-52

38-00 — 67549

1-26-19 — 31918

Greenwich time 28-19-14 — 35631

Ships Time 23-39-9

Long in time 4-40-5 Equal to 70°-1'-15" W

June 7th sea account 1821 d 3.46.55 In Latt 38.50 N Long

71 W Altitude Suns lower limb was 39.19 Moons upper limb

51-16 when the Anglar Dist was 81.2.5 Required the Long

d 3.46.55 — 39.31 — 50.56 — 81.2.5
50.56 W 55.00
90.27 15.47
58.58 15.12
23.37 33.54 81.33.4
3
23.40 Aux Ang 91.59.52

07759
82548
39
54760
50
81.5.36 — 45157
79.56.27
81.20.24
1.9.9 — 41548
1.23.57 — 33125
Greenwich time 8.28.16 8423
Ships time 3.46.55
Longitude In time 4.41.21 Equal to 70.20.15 W

June the 8th sea account 1821 In Latt 39.30 N d 3h.15m.26s Long

70 W Altitude Suns lower limb was 45.24 Moons upper

Limb 35.39 Angle Dist 92.3.30 Required the Long

3.15.26 — 46.36 — 35.19 — 92.3.30
44.24
W 54.33 54.41 15.47
44.24 15.1
92.34 92.34.18
9.6990 191.39 42.59
10.0022 95.49 1.34
9.9996 54.41 93.18.51
9.7008 41.8 1.22.49
9.8449 OR 56 44.24 91.56.2
10.1819 Ply 6 51.25 91.2.23
2.3345 O Cor 50 92.24.49
1.34 62 2.0621 53.39 — 5257
9.7008 1.22.26 — 3392
9.9117
10.1070 Greenwich time 7.57.9 1865
Ship 0.6220 Ships time 3.15.26
Long .3415 Longitude In time 4.41.43
1.21.59
50 Equal to 70.25.45 W
1.22.49

June 9th Sea account 1821 d 5.30.6 In Latt 39.56 N Long 70 W. Altitude Suns lower limb was 19.47 Moon upper 43.2 Angl Dist. 103.47.40 Required the Long

5.30.6 —— 19.59 —— 42.42 —— 103.47.40
42.42 W 54.15 ? 15.47
62.41 14.57
57.32 Ap'd 104.18.24
38.40
12
64.17.24

20.9
6
2
20.17

45724
66
49319
156
44381
91
39737

103.52.40
103.19.52
104.41.20
32.48 — 73940
1.21.28 — 34429
Greenwich time 10.12.20 — 39511
Ship time 5.30.6
Long in time 4.42.22 Equal 70.35.30 W

January 16th Sea Account 1822 d 22.10.14 In Latt 11.35 S. Long 85 W. Altitude suns Lower limb was 61.48 Moon upper limb 38.39 Anglar Distance 74°.40'.27" Required the Longitude

22.10.14 —— 62.00 —— 38.29 —— 74.40.27
38.29 W 54.11 ? 16.17
100.29 14.55
59.34 75.11.39
41.5
9
102.09.48

18.25
4
4
18.33 Aug Ang

80205
42
06336
57
46596
70
74.32.36 — 33306
d 3 ho 74.57.51
72.36.54
25.15 — 85301
1.20.57 — 34706
Greenwich time 27.56.9 — 50595 to 8 28.45 W
Ship time 22.10.14
Long in time 5.45.55 Equal

January 17 Sea account 1822 d 23. 6. 2 (h m s) In Latt 9. 14 S
Long 87 W Suns Altitude Lower limb was 72 17 Moons upper
35. 13 Angular Distance 63. 26. 57 Required the Long

23. 6. 2 — 72. 29 — 34. 53 — 63. 26. 57
34. 53 Hd 54. 17 — 16. 17
107. 22 — 14. 56
59. 45 — 63. 58. 10
42. 57
14
109. 04. 56

95755
145
89600
18
64871
11
50420

16. 52
6
5
17. 03 Aux Ang

63. 17. 10 —
D shown 64. 9. 5
62. 47. 40
51. 55 — 53997
1. 21. 25 — 34456
Green time 28. 54. 43 — 19541
Ships time 23. 6. 2
Long in time 5. 48. 41 — Equal to 87. 10. 15 W

January 18th Sea account 1822 d 23. 43. 22 (h m s) In Latt 7. 22 S
Long 85. W. Altitude Suns lower limb 76. 1 Moons upper
36-31 Angular Dist 51. 16. 37 Required the Long

23. 43. 22 — 76. 13 — 36. 21 — 51. 16. 37
36. 21 Hd 54. 34 — 16. 17
112. 34 — 15. 00
59. 48 — 52. 47. 54
42. 13
27
114. 16. 28

80273
42
04722
142
00357
241
85777

17. 30
12
5
17. 47 Aux Ang

52. 7. 10
53. 14. 38
51. 52. 13
1. 7. 28 — 42618
1. 22. 25 — 33926
Greenwich time 29. 27. 21 — 8692
Ships time 23. 43. 22
Long in time 5. 43. 59 Equal to 85. 59. 45 W

April 12th sea account 1822 at 20h.42m.00s in Latt 18.36 N Long 170 W. Sun Alt lower limb was 40.51 moons upper limb 15.56 Anglar dist 110°.59'.17" Required the Long

20.42.00 — 41. 3 — 15. 36 — 110.59.17
15.36 HP.54.37 15.58
56.39 14.57
59. 2 .52188 111.30.12
48.39 181 10
36 31790 22
7.30 58.27.17 176
6 65023
3 65
7.39
110.42.22 — 55423
6 hours 111.45.48
110.23.23
56.26 — 50374
1.22.25 — 33926
Greenwich Time 32.23.14 — 16448
Ships Time 20.42.00
Long In Time 11.21.14 Equal to 170°.18'.30" West

April 13 sea account 1822 at 21-16.20 in Latt 18.36 N Long 172 W Altitude suns lower limb was 49.3 moon upper limb 19.56 Anglar dist 99.37.17 Required the Longitude

21-16.20 — 49-15 19.36 — 99.37-17
19.36 HP.55.11 15-58
68.51 15-7
59-17 40826 100.8.22
9.46 49.10 160 5
2 10 47481 27
4 70-39-37 104
9.52 75052
12
99-25-27 — 63635
at 6 hours 100-41-22
99-17-24
1-15-55 — 37494
1-23-58 — 33117
Greenwich time 32.42.45 D.L. 4377
Ships time 21-16-20
Long In time 11.26.25 Equal to 171.36.15 West

April 16th sea account 1822 ☽ 22.19.27 in Latt 18.56N Long 175 W Altitude suns lower limb was 63.59 Moon upper 42.39 When the Anglar Distance was 63.46.32 Req the Long

22.19.27 —— 64.11 —— 42.19 —— 63.46.32
42.19 HP 57.31 | 15.57
106.30 | 15.52
59.36 | 64.18.21
41.7 | 80861
23 | 84
108.11.6 | 04292
21-9 | 249
12 | 70937
4 | 91
21.25 | 63.44.46 | 56514
☽ 9 hours 64.11.58
62.39.39
31.12 — 76112
1.32.19 — 28999
10.00.50 — 47113.
24
Greenwich time 34.00.50
Ships time 22.19.27
Long in time 11.41.23 Equal to 175.20.45 West

April the 17 Sea account 1822 ☽ 23.23.13 h m s in Latt 19.8N Long 177 W Altitude suns lower limb was 77.27 Moon upper limb 43.34 when the Anglar dist was 50.38.37 Required the Long

23.23.13 —— 77.39 —— 43.14 —— 50.38.37
43.14 HP 50.31 | 15.57
120.53 | 16.8
59.50 | 51.10.42
41.15 | 5
23 | 37
122.34.28 | 07332
21.57 | 197
12 | 76262
5 | 132
22.14 | 79906
74
50.30.37 — 63903
51.41.41
50.6.0
1.11.4 — 40361
1.35.41 — 27444
2.13.42 — 12917
9
24
Greenwich time 35.13.42
Ships time 23.23.13
Long in time 11.50.29 Equal to 177.37.15 West

April 25th sea account 1822 d h 1.11.53 m s In Latt 19.28 N
Long 190 W. Altitude sun lower limb was 71.23 Moons upper
limb 60.12 when the Anglar dist was 48.4.27 Required the Long

1.11.53 —— 71.35 —— 59.52 —— 48.4.27
59.52 Hp 60.7
131.27 15.55
59.44 16.38
29.34 48.37.00
4
132.56.22

28.53
5
3
29.01

51936
329
31518
138
48589
6
32516

48.7.36 — 32516
12 hours 47.4.41
48.46.40
1.2.55 — 45651
1.41.59 — 24674
Greenwich time 13.51.3 — 20977
Ships time 1.11.53
Long In time 12.39.10 Equal to 189.48-30 West

April 26 sea account 1822 d h 1.23.42 m In Latt 19.31 N
Long 192 W. Altitude sun L Limb was 68.48 moons upper
limb 49.8 when the Anglar Dis was 61.49.12 Req'd the Long

1.23.42 —— 69.00 —— 48.48 —— 61.49.12
48.48 Hp 59.22
117.48 15.55
59.41 16.24
38.2 62.21.31
14
119.25.57

24.36
10
5
24.51

60500
35
23864
13
41554
199
26165

61.43.32 — 26165
60.31.24
62.10.40
1.12.8 — 39714
1.39.16 — 25847
Greenwich time 14.10.48 — 13867
Ships time 1.23.42
Long In time 12.47.6 Equal to 191.46.30 W

April 28th sea amount 1822 at 1 h. 3 m. 40 s. In Latt 19.43 N Long 195 W Altitude sun lower limb was 73.31 Moon upper Limb 18.29 When the Anglar dist was 87°.38'.7" Required the Long

1.3.40 —— 73.43 —— 18.9 —— 87.38.7

18.9 HP 57.42

15.55

15.48

91.52

88.9.50

59.47

32410

6

51.17

52312

40

77

93.43.44

67863

9.22

8

8

5

9.35 Aux Ang

87.18.5 — 52676

86.14.48

87.47.31

1.3.47 — 45057

1.33.13 — 28578

Greenwich time 14.3.10 — 16479

Ships time 1.3.40

Long In time 12.59.30 — Equal to 194°.52'.30" West

April 30th sea amount 1822 at 2 h. 54 m. 45 s. In Latt 22.24 N. Long 198 W. Altitude sun lower limb was 47.47 Moons upper limb 15.55 when the Anglar distance was 112.42.57 Req the Long

2.54.45 —— 47.59 —— 15.35 —— 112.42.57

15.35 HP 56.11

15.54

15.23

63.34

56415

113.14.14

59.15

203

50.34

31823

262

11

92886

7.48

20

2

4

65.24.00

7.54 Aux Ang

112.26.14 — 81509

15 hour 111.53.14

113.21.00

33.00 — 73676

1.27.46 — 31194

1.7.41 — 42482

15

Greenwich time 16.7.41

Ships time 2.54.45

Long In time 13.12.56 Equal to 198.14.00 W

October 6 sea Amount 1822 a 22ʰ. 7ᵐ. 12ˢ Latt 35. 28 N Long 195 W Altitude suns lower limb was 41.18 Moons upper limb 30.49 when the Obs'd distance was 99. 8.22 Requ'd the Long

22 · 7 · 12 — 41.30 — 30 · 29 — 99 · 8 . 22
30 · 29 (Hᴼ 59 · 15)
71 · 59
16 · 2
16 · 16
99 · 40 · 40

16 · 23
5
3
16 · 31 Aux Ang

59 · 3
49 · 14
13
73 · 47 · 30

93203
83
95708
138
66476
40
55648

98 · 57 · 56 — 55648
100 · 10 · 53
98 · 32 · 29
1 · 12 · 57 — 39225
1 · 38 · 24 — 26228

Greenwich time 11 · 13 · 27 12997
Ships time 22 · 7 · 12
Long of in time 13 · 6 · 15 Equal to 196 · 33 · 45 West

October the 10 sea Amount a 1822 a 22ʰ. 23ᵐ. 51ˢ Latt 34.58 N Long 194 W Altitude suns lower limb was 42.22 Moons upper limb 58.56 when the Obs'd Distance was 47°. 57'. 57" Requ'd the Long

22 · 23 · 51 — 42.34 — 58.36 — 47. 57. 57
58 · 36 (Hᴼ 57 · 9)
101 · 10
16 · 3
15 · 47
48 · 29 · 47

27 · 1
4
3
27 · 8

59 · 6
29 · 7
5
102 · 38 · 18

90925
88
98067
199
46199
45
35523

48 · 22 · 15 — 35523
49 · 31 · 22
48 · 0 · 4
1 · 9 · 7 — 41569
1 · 31 · 18 — 29480

Greenwich time 11 · 16 · 16 — 12089
Ships time 22 · 23 · 51
Long of in time 12 · 52 · 15 Equal to 193°. 3'. 45" W

October 21st Sea Amount 1822 d 1.52.53 (h m s) In Latt 34.18 S
Long 170 Wd the Alt of Sun lower limb was 37.40 Moon upper limb 17.53 when the Obs'd Distance was 65.52.12 Required the Long

1.52.53 — 37.52 — 17.33 — 65.52.12
17.33 — 54.11 — 16.6
55.25 — 14.50
58.54 — 34685 — 66.23.8
48.31 — 172
11 — 56054
57.12.36 — 97
01000
121
8.31 / 2 / 3
8.36 Aux Ang

65.55.52 — 92129
65.28.52
66.49.49
27.00 — 82391
1.20.57 — 34706
Greenwich time 13.0.2 — 47685
Ships time 1.52.53
Long in time 11.7.9 — Equal to 166°.47'.15" W

October 22 Sea Amount 1822 d 3.29.31 (h m s) In Latt 33.40 S
Long 165 W Alt Sun lower limb was 23.23 Moon upper limb 25.33 when the Obs'd distance was 77.9.52 Required the

3.29.31 — 23.35 — 25.13 — 77.9.52
25.13 — 54.27 — 16.6
48.48 — 14.56
57.50 — 45297 — 77.40.54
46.51 — 167
24 — 48583
50.33.13 — 173
87694
12.21 / 2
12.30 Aux Ang

77.25.13 — 81944
76.19.12
77.41.2
1.6.1 — 43662
1.21.50 — 34234
Greenwich time 14.25.13 — 9328
Ships time 3.29.31
Long in time 10.55.42 Equal to 163.55.30 W

October 23 Sea Account 1822 d 4.24.42 (h m s) In Latt 31.47 N Long 162 W Alt Sun lower limb was 13.23 Moon upper limb 30.8 when the Observ'd Distance was 88.26.44. Required th Long

4.24.42 — 13.35 — 29.48 — 88.26.44
29.48 Ho 54.55 — 16.6
43.23 — 15.4
14.33 — 56.16 — 78358 — 88.57.54
16 — 45.12 — 311
2 — 48 — 18126
14.51 Aug Aug — 45.5.16 — 150
81804
12
88 - 47 - 53 - 78761
15 Hours 88 - 42 - 6
90 - 5 - 41
. 5 - 47 — 149309
1 - 23 - 45 — 33315
Greenwich time 15 - 12 - 28 - 115994
Ships time 4.24.42
Long In time 10 - 47 - 46 Equal to 161 - 56 - 30 W

December 6th Sea account 1822 d 23.27.45 (h m s) In Latt 30.9 N Long 145 W Alt Sun lower limb was 36.34 Moon upper limb 17.42 When Angular dist was 73.54.32 Required the Long

23.27.45 — 36.46 — 17.22 — 73.54.32
17.22 Ho 56.34 — 16.16
54.08 — 16462 — 15.20
8.46 — 58.50 — 269 — 74.26.08
6 — 50.26 — 74053
3 — 33 — 43
8.55 Aug Aug — 55 - 57.49 — 32723
124
73.57.40 — 23674
9 hours 74.6.23
72.39.39
. 8.43 — 131492
1.26.44 — 31709
Greenwich time 33.18.05 - 99783
Ships time 23.27.45
Long In time 9.50.20 Equal to 147.35.00 W

December 18th Sea Acct 1822 d 4. 0. 49 h Latt 26.24 N
Long 135 W Suns Altitude, lower limb, was 13.13 Moons
upper limb 46.23 when the Obsd Distance was 47.55. 47

4.0.49 —— 13.25 —— 46.3 —— 47.55.47
21.25 | 46. 3 H 54.52 | 97345 | 16.17
22 | 59.28 | 210 | 15. 7
2 | 56.13 | 99496 | 28.27.11
21-49 Aux Ang | 36.34 | 161
35 | 43757
61 · 1.22 | 274

48.47.53 — 41243
12 hours 48.22.18
49.45.50
25.35 — 84732
1.23.32 — 33341
Greenwich time 12.55. 8 - 51391
Ships time 4.00-49
Long in time 8-54.19 Equal to 133.34.45 W

December 20th Sea Account 1822 d 3.26.44 h Latt 23. 4 N Long
130 W. Alt Suns lower limb was 21.32. Moons upper limb
54.32 Angular distance 70-40.37 Required the Long —

3.26-44 —— 21.34 —— 54.32 —— 70-40.37
54.32 H 55.58 | 76-17
76. 6 | 62804 | 15-27
24.49 | 57.44 | 38 | 71.12.21
28 | 21.14 | 31748
2 | 33 | 137
25.19 Aux Ang 77.35.31 | 81802
51
71. 8-9 — 76580
12 Hours 71. 4-4
72.31.15
4. 5 — 164426
1.27.11 — 31484
Greenwich time 12. 8.26 - 132942
Ships time 3.26.44
Long in time 8.41.42 Equal to 130.25.30 West

March 18th Sea Ac 1823 at 4h. 17m. 22s In Latt 7.10 S. Long 35 Wd Altitude sun lower limb was 25.26 moon upper limb 57.49 when the angular distance was 63.30.7

4.17.22 — 25.38 — 57.29 — 63.30.7
{Hp 58.57} ⊙ Td 64.22 ☽ Td 32.31 16.5
64.22 16.17
9.6990 64.2 64.2.29
10.0061 160.55 31.4
9.9538 80.27 3.20
9.6589 32.31 64.36.53
9.9550 1st Rem 47.56 0.36.58
10.1294 64.22 63.59.55
1.9881 2d Rem 16.5 4
1st Cor 3.20 — 1.7314 63.59.59
9.6589 63.39.40 at 6 Hours
9.7304 {⊙ Ref — 1.59 65.17.27
10.5575 ⊙ Px — 8 20.19 — 9474
7630 ⊙ Cor 1.51} 1.37.47 — 2650
2d Cor 0.35.7 — 7098 Greenwich time 6.37.24 — 6824
1.51 Ship time 4.17.22
— 0.36.58 Long In time 2.20.2 — 35.00.30 W

March 19th Sea Acc 1823 at 1h. 15m. 48s In Latt 4.44 S Long 35 W. Altitude sun lower limb 70.32 Moon upper limb 28.34 When the angular Distance was 75°. 41'. 22" Required the Long

1.15.48 — 70.44 — 28.14 — 75.41.22
28.14 {Hp 59.6} 16.5
98.58 16.14
59.43 54602 76.13.41
50.13 50
15.13 5 29504
2 100.48.1 282
5 63552
15.20} Aug Aug 39
at 3 Hours 75.25.2 — 48029
75.5.19
76.43.23
19.43 — 96044
1.38.4 — 26375
Greenwich time 3.36.11 — 69669
Ship time 1.15.48
Long In time 2.20.23 Equal to 35.5.45 West

March 20 Sea Ac 1823 d 3.58.00 In Latt. 2.18 S Long
37° W Altitude suns lower limb 31.05 Moons upper limb
48.17 When the anglar Distance was 90.1.22

3.58.00 — 31.15 — 47.57 — 90.1.22
47.57 H 59.13
79.12
58.35
38.40
9
80.49.24

14089
39
76512
172
09478
3
01093

1.6.5
16.20
90.33.47

24.16
6
3
24.25 Aux Aug

90.4.32 — 01093
a 6 Hours 89.49.56
91.28.21
14.36 — 409092
1.38.25 — 26220
Greenwich time 6.26.42 — 82872
Ships time 3.58.00
Long In time 2.28.42 Equal to 37.10.30 West

March 22 Sea Ac 1823 In 2.41.44 In Latt 2.24 N Long
40 W Altitude suns lower limb was 49.19 Moon upper
Limb 12.46 When the Anglar Distance was 116.5.17

2.41.44 — 49.31 — 12.26 — 116.5.17
12.26 H 59.11
61.57
59.17
53.23
11
63.49.51

31180
144
56580
39
46438
90

16.4
16.11
116.37.32

6.30
2
4
6.36 Aux Aug

115.45.38 — 34471
3 Hours 114.25.39
116.3.50
1.19.59 — 35227
1.38.11 — 26323
Greenwich time 5.26.38 — 8904
Ships time 2.41.44
Long In time 2.44.54 Equal to 41.13.30 West

Long In time ... Equal to 130.25.30 West

Amount of Oil obtaind on Board Balaena 1821 &c

Date 1821	Numb Whale	Latitude	Longitude	Head Oil	Body Oil	Whole quantity
9 mo 27th	1	15. 14 S.	35. 00 W	2860	5317	8177 Gallons
12 mo 6th 12th 14th & 19th	4	14° to 11° S	84° to 86° W			
12 mo 28th	1	11° South	85½ W	1001	1460	2461 Gallons
1822						
1 mo 5th & 6	2	11½ South	85° to 86° W	1512	3643	5155 Gallons
1 mo 28th 2 mo 15	2	2° S & 2 North	98 & 121 W	366	766	1132 Gallon
2 mo 24th	4	15½ North	133 West	486	1509	2061 Gallon
3 mo 3d	1	19½ North	142 West	988	2079	3067 Gallon
4 mo 15th	1	19° North	173½ West			
5 mo 8th	5	32½ North	203½ West	1100	2468	3568 Gallon
5 mo 31st 6 mo 3d	5	33½ North	203½ West	1850	4115	5965 Gallon
6 mo 16th	1	34½ North	202¼ West	1029	1541	2570 Gallon
6 mo 20th	1	34° North	202½ West	335	695	1030 Gallon
6 mo 27th	1	34° North	201½ West	1114	1410	2524 Gallon
7 mo 5th & 9th	4	34° & 33½ N	201° & 200½	1409	4003	5412 Gallon
7 mo 20th, 8 mo 3d, 8 mo 6th	4	33½ North	201½ West	1607	3775	5382 Gallon
8 mo 14th	2	33½ North	201½ West	283	1073	1356 Gallon
8 mo 31st, 9 mo 1st, 9 mo 4th	5	35 & 34 N	202 West	729	2008	2936 Gallon
9 mo 8th, 9 mo 9th, 9 mo 13th, 9 mo 16th	10	34½ to 35½	202 to 201 W	1165	3996	5161 Gallon
9 mo 20th, 9 mo 21st	5	35 to 35½	202½ West	698	2271	2969 Gallon
9 mo 26th, 9 mo 28th	3	35½ North	202½ West	1498	3591	5089 Gallon
10 mo 25th	1	25½ North	158° West	378	724	1102 Gallon
1823						
1 mo 2d	1	00 - 30 South	132 West	127	440	567 Gallon

Amount of Oil obtaind In co with Ship Spartan

1822		Oil	Head
9 mo 3d & 6th	two Whales which made	2862 Gallons of Oil &	1339 head
9 mo 14th	two Whales which mad	1073 Gallons of Oil &	283 hea
9 mo 31st 9 m 1st & 4th	Five Whales which mad	2207 Gall of Oil &	729 hea
9 mo 8th 9th 13th & 16	Teen Whales which made	3996 Gallons Oil &	1165 Hea
9 mo 20 & 21	Five Whales which mad	2271 Gallons Oil &	698 Head
9 mo 26 & 28	Three Whales which mad	3591 Gallons Oil &	1498

Account of Oil Obtained on Board Balæna 1821 &c

Date 1821	No W	Latitude	Longitude	Head Oil	Body Oil	Whole Quantity
9 mo 27th	1	15° 14 S	35.00 W	601	1302	1903

at Sandwich Isles bbs

Francis Swain — — 300

Sea Lion Russell — — 300

Equator Barney — 300 or 400

Pacific Chase — 500

Marine Smith Mr Henry — 500

Paladium Mary — — 300

Roxanna Ray — — 200

George Smith — — oo

Phoenix Hamm — — —

Cyrus Folger ————

Sally Bennett — — 400

M Swain — —

Samuell Trot — — — 300

Lea Cottle — — — 500

Henry Coffin — — 300

Planter Coffin — — 200

Constitution Swain —

John Porter — — — 1000

Lean Tilton — — 500

George & Susan Upham — —

Spartan Swain
10 mo 1 A 1822 — 1600 Bbls

[illegible]